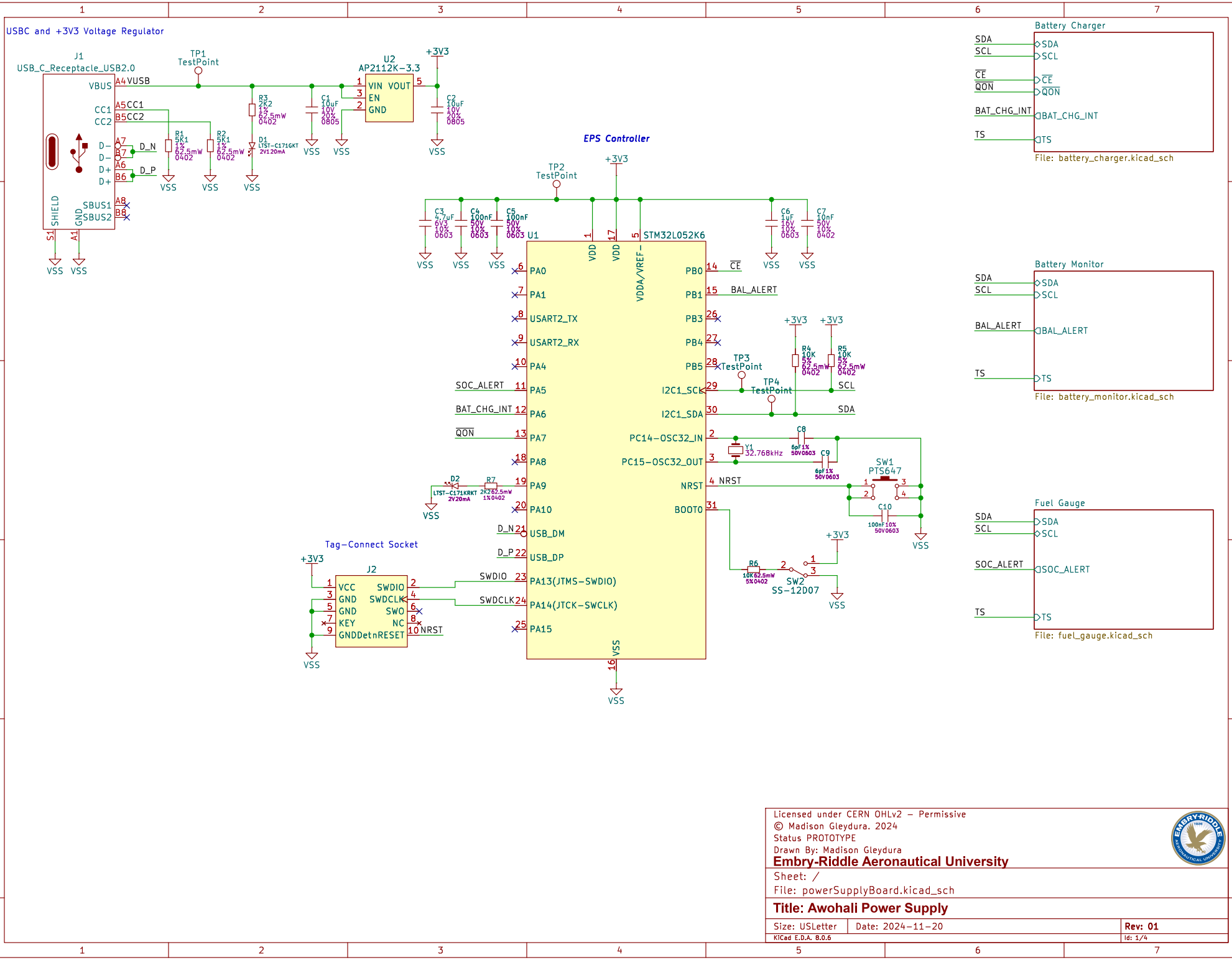
USBC and +3V3 Voltage Regulator
J1
USB_C_Receptacle_USB2.0
TP1
TestPoint
U2
AP2112K-3.3
+3V3
EPS Controller
TP2
TestPoint
U1
STM32L052K6
Tag-Connect Socket
J2
TP3
TestPoint
TP4
TestPoint
SW1
PTS647
SW2
SS-12D07
Y1
32.768kHz
Battery Charger
File: battery_charger.kicad_sch
Battery Monitor
File: battery_monitor.kicad_sch
Fuel Gauge
File: fuel_gauge.kicad_sch
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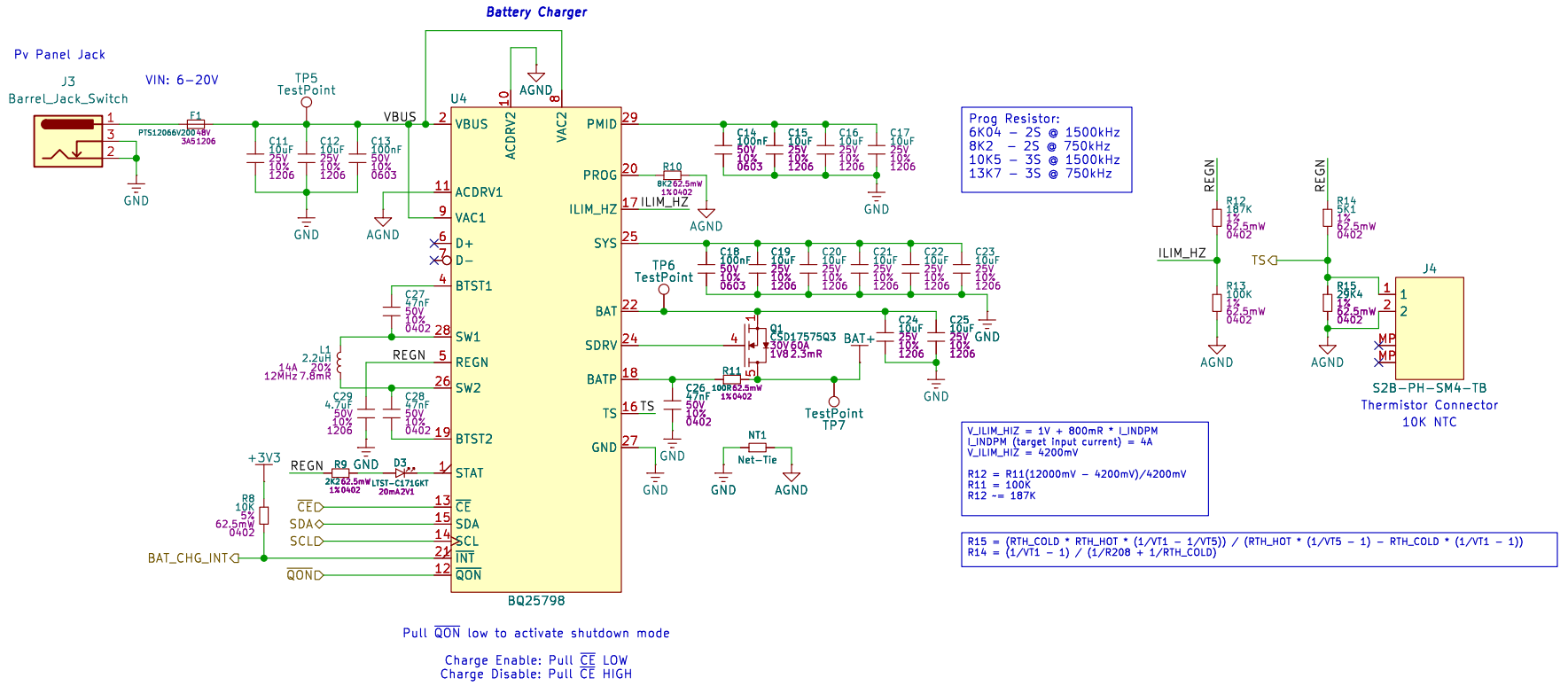
Status PROTOTYPE
Drawn By: Madison Gleydura
Embry-Riddle Aeronautical University
Sheet: /
File: powerSupplyBoard.kicad_sch
Title: Awohali Power Supply
Size: USLetter
Date: 2024-11-20
Rev: 01
KiCad E.D.A. 8.0.6
Id: 1/4



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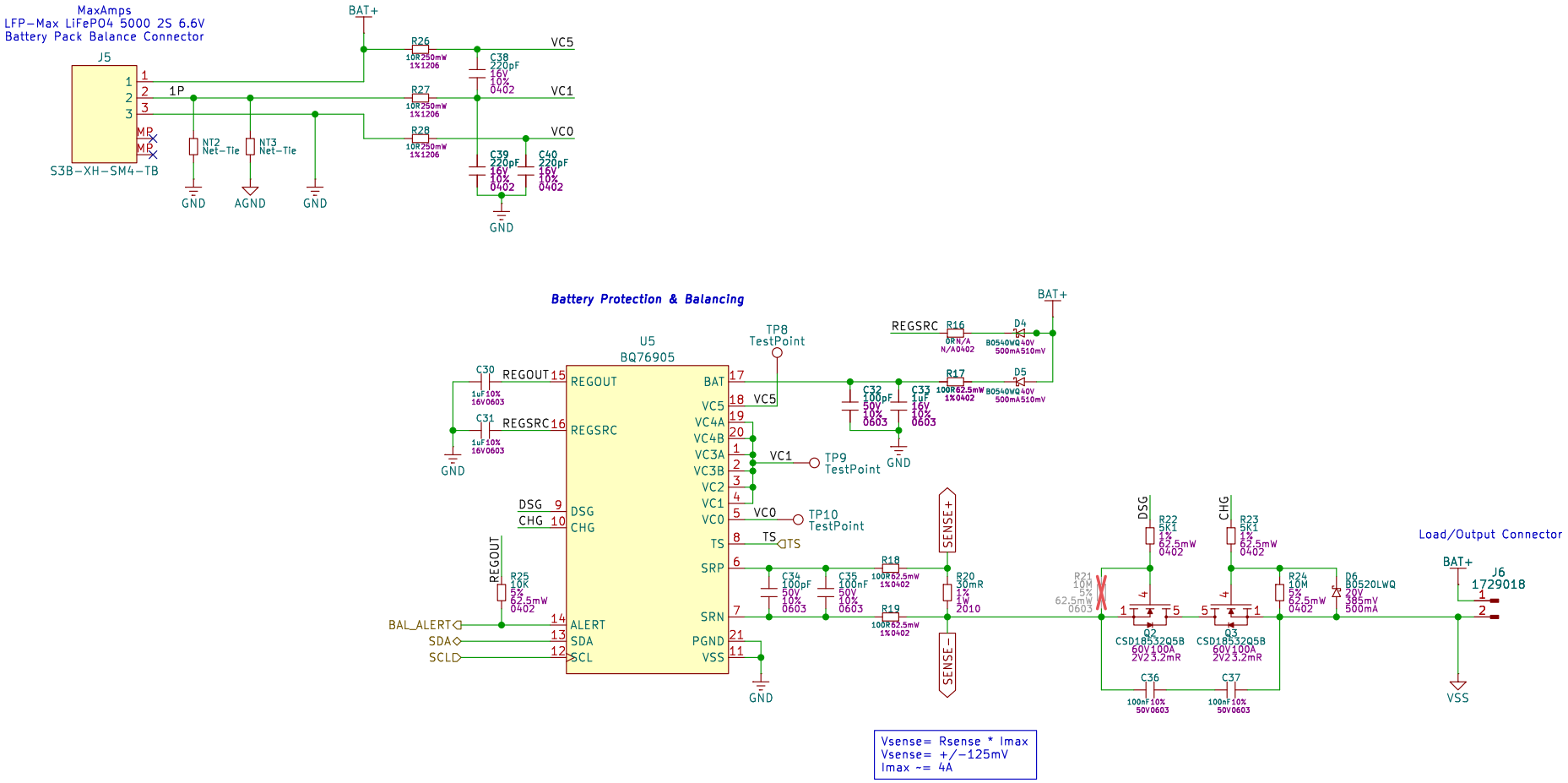
Sheet: /Battery Charger/
File: battery_charger.kicad_sch

Title: LiFePO4 Charger

Size: USLetter	Date: 2024-11-20	**Rev: 01**
KiCad E.D.A. 8.0.6		Id: 2/4



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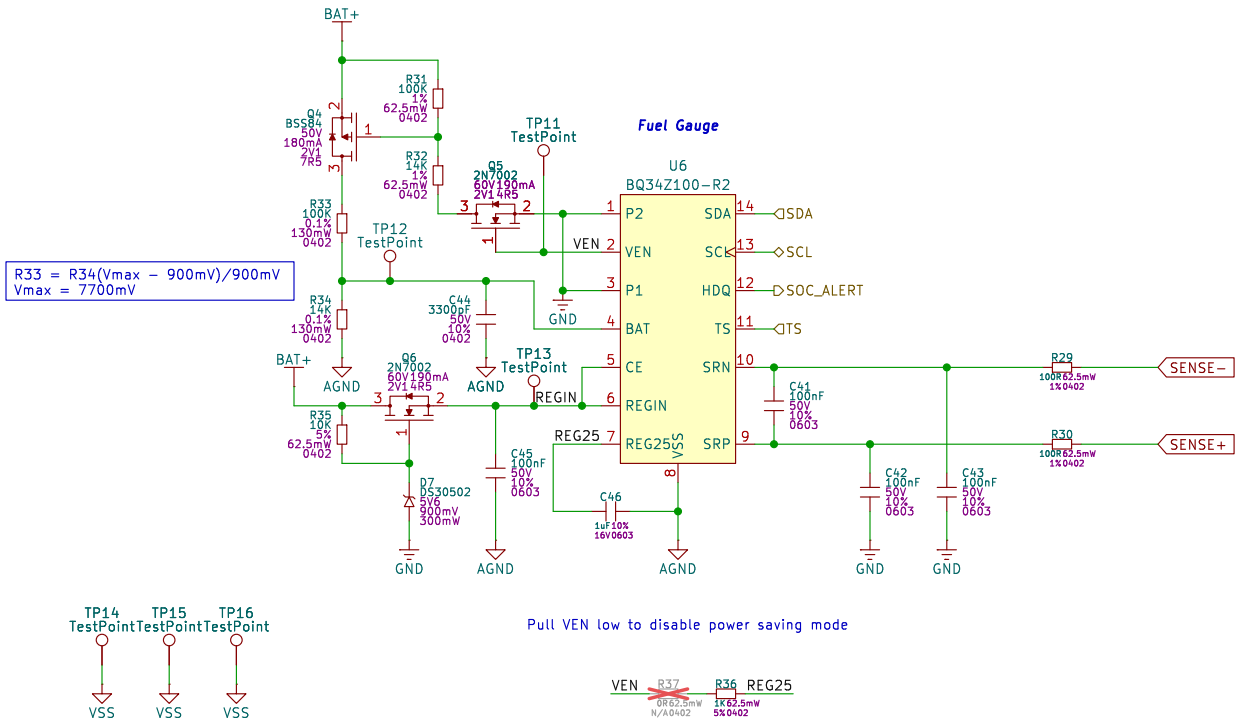
Sheet: /Battery Monitor/
File: battery_monitor.kicad_sch

Title: LiFePO4 Protection & Balancer

Size: USLetter	Date: 2024-11-20	**Rev: 01**
KiCad E.D.A. 8.0.6		Id: 3/4



Pull VEN low to disable power saving mode

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Sheet: /Fuel Gauge/
File: fuel_gauge.kicad_sch

Title: LiFePO4 State of Charge

Size: USLetter	Date: 2024-11-20	**Rev: 01**
KiCad E.D.A. 8.0.6		Id: 4/4